

#8

Docket No.: PF-0334-2 DIV

Inventors: Hillman et al.

Title: NEW PHOSPHATIDYLINOSITOL 4,5-BISPHOSPHATE 5-PHOSPHATASE
Serial No.: 09/892,287

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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		



1	[MDVLSPLS]	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	638789
1	AR	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	g1399105
1	VT [P]	[GAESRAPCGDSSGGCVRSAGASMDQSVAIQETL	91019103					
1	[MEPPPLF]	VGAQPLA	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	g1420920
9	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	638789
3	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	g1399105
41	AEGEYCVIAVQGVLCEGDSRQSRLLGLVRYRLEHGGQEHA	g1019103						
28	- - - CALT	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	g1420920
9	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	638789
3	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	g1399105
81	LFLYTHRRMAITGDDVSLDQIVPVSRDFTLEEVSPPDGELY	g1019103						
41	LIIQLHEK	- - - EQHVQDIIPIINSHFRCVQEAEEETLLI	g1420920					
9	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	638789
3	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	g1399105
121	ILGSDDVTVQLDTAELSSLVFQLPFGSQTRMFLHEVARACPG	g1019103						
75	DIASNSSGCKIRVQGDWI	- - - RERRFEIPDEEHCLK	g1420920					
9	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	638789
3	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	g1399105
161	FDSATRDPEFLWLSRYRCAELEMPTPRGCNSALVTWP	g1019103						
107	FLSAVLAQK	- - - AQSQLVPEQKDSSS	g1420920					
9	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	638789
3	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	g1399105
201	YATIGGG	- SNFDGL	- RPNKGVPM	DQSSRGQDKPE	S	g1019103		
133	YQKLDTKDKPSVFSGLLGFEDNFSSMNLDDKKINSQNQPTG	g1420920						

FIGURE 2A

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AS

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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9	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	638789
3	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	g1399105
236	L Q P R Q N K S K S E I T D M V -	R S S T I T V S D K A H I L S -	M Q K F -	-	-	-	-	g1019103
173	I H R E P P P P P F S V N K M L P R E K E A S N K E Q P K V T N T M R K L F V P							g1420920
9	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	638789
3	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	g1399105
271	G L R D T I V K S H L L Q K E E D Y T Y I Q N F R F F A G T Y N V N G Q							g1019103
213	N T Q S G Q R E G L I K H I L A K R E K E Y V N I Q T F R F F V G T W N V N G Q							g1420920
9	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	638789
3	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	g1399105
307	S P K E C L R I W L S N G I Q A P D V Y C V G F Q O E L D L S K E A F F F H D T P							g1019103
253	S P D S G L E P P D I Y C I G F Q E L D L S T E A F F F Y F E S V							g1420920
9	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	638789
3	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	g1399105
347	K E E E W F K A V S E G L H P D A K Y A K V K L I R [L V G I M [M L L L Y V [K] Q E [H]							g1019103
293	Q L V R L V G M M L L I F A R K D Q g1420920							
31	[L P Y I Q I L S T K S T P T G L F G Y W G N K G G V N I C L K L Y G Y Y V S I I]							638789
3	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	g1399105
387	A A Y I S E V E A E T V G C T G I M [G R M G N K G G V A [I] R F Q H N T S I C V V							g1019103
333	C R Y I R D I A [T] E T V G T G I M G K M G N K G G V A V R F V F H N T T F C [I] V g1420920							
71	[N C H L P P H I S N N Y Q R L E H F D R I - [L E M O N C E - [G R D I P] - - [N I L]							638789
3	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	g1399105
427	N S H L A A [H] I E E Y E R R N Q D Y K D I C S R [M Q F C Q P D P S L [P] P L T] I S							g1019103
373	N S H L A A [H] V E D F E R R N Q D Y K D I C A R M S F V V P N Q T L [P] Q L N I M g1420920							

FIGURE 2B

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	CLASS	
DRAFTSMAN		

FIGURE 2C



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Social N° 00/802-283

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3117	L N Q V Y I D I S N I P T T E D	- - - - -	E F	638789
1192	T Y Q V T F S E E S S L P K G H G	- - - - -	D F	91399105
6689	L F V N K T T A T K L N S G E D K I E D I L V L H L D R G K D Y F L S V S G N Y	- - - - -		91019103
6336	V Y V S K D S V T I L N S G E D K I E D I L V L H L D R G K D Y F L T I S G N Y	- - - - -		91420920

335	L C Y S N S L R S V V G I S R P F	- Q I P - - - - -	- - - - -	- - - - -	638789
210	I L G Y S H N H S I L I G I T E P F	- Q I S L P S -	S E L A S S T D S S G T	g1399105	
729	I P S C F G S P I H T L C Y M R E P I L D L P I	P I L D L P I	P I L D L P I S E L - - - - -	g1019103	
676	I P S C F G T S L E A L C R M K R P I R E P V T K L	P I R E P V T K L	P I R E P V T K L I D L E E D S F L E K E K	g1420920	

357 - - - - -
248 S - - - -
759 T L M P V W T G D D G S Q L D S P M E I P K E L W M M V D Y L Y R N A V Q Q E D
716 S L L Q M V P L D E G A S - E R P L Q V P K E I W L L V D H L L F K Y A C H Q E D
- - - - - 638789
- - - - - g1399105
- - - - - g1019103
- - - - - g1420920

357 - - - - -
349 - - - L GLLP AL - R LET V DP GGG SW GP D REAL - - - A P N 91399105
879 V F H Y L M A F L R E L L K N S A K N H L D E N I L A S I F G S L L R N P A G 91019103
835 V F R Y L M A F L R E L L K F S E Y N S V N A N M I A T L F T S L L R P P P N g1420920

FIGURE 2D